

101

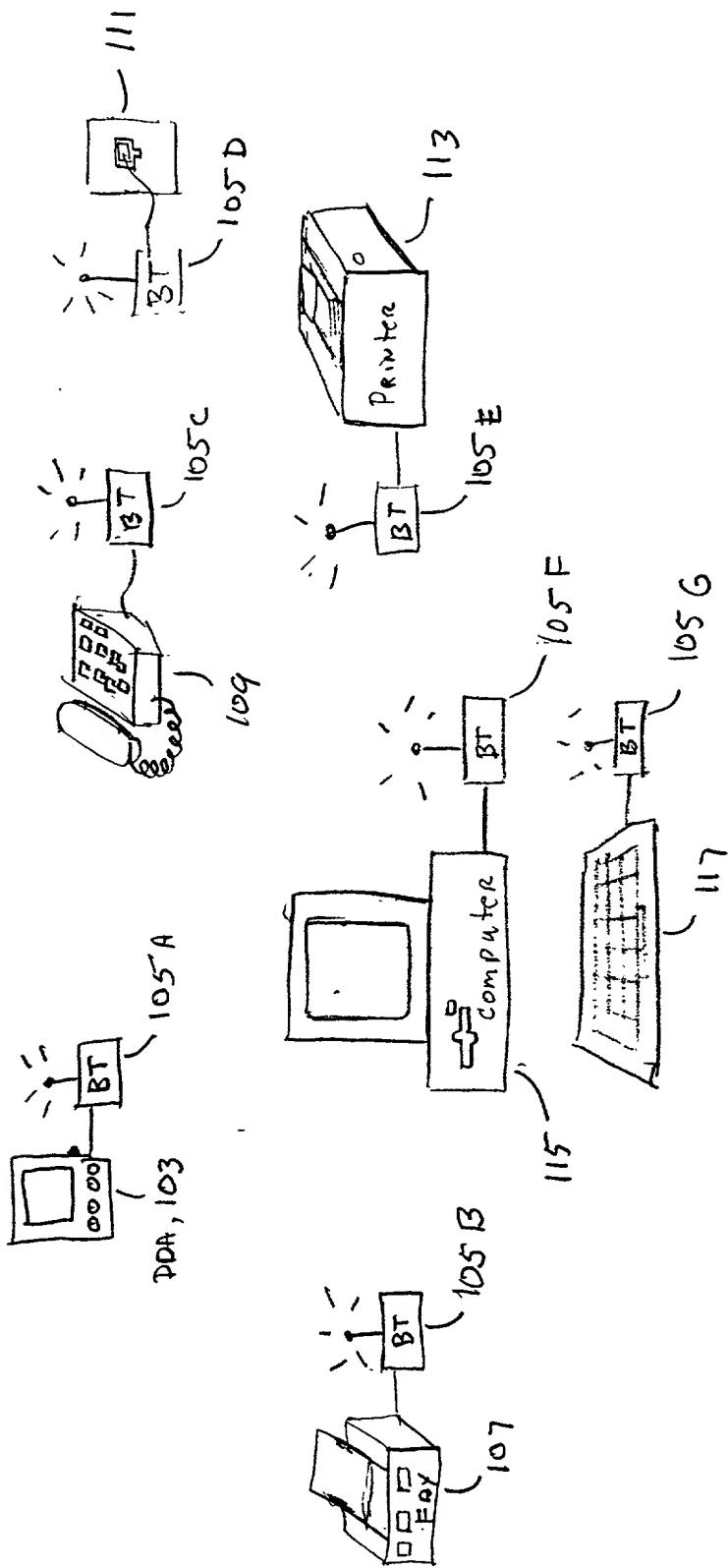


Figure #1

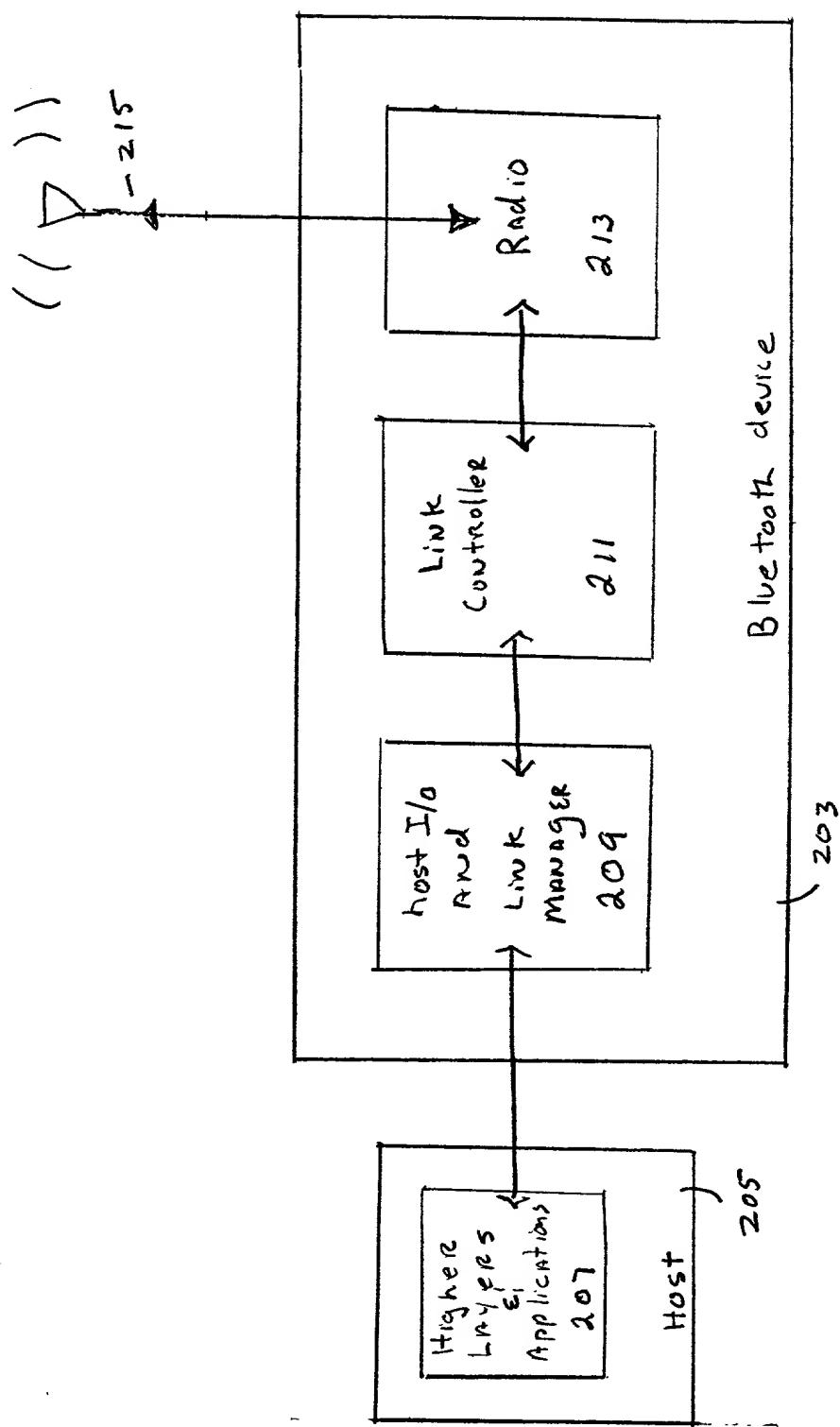


Figure 2A

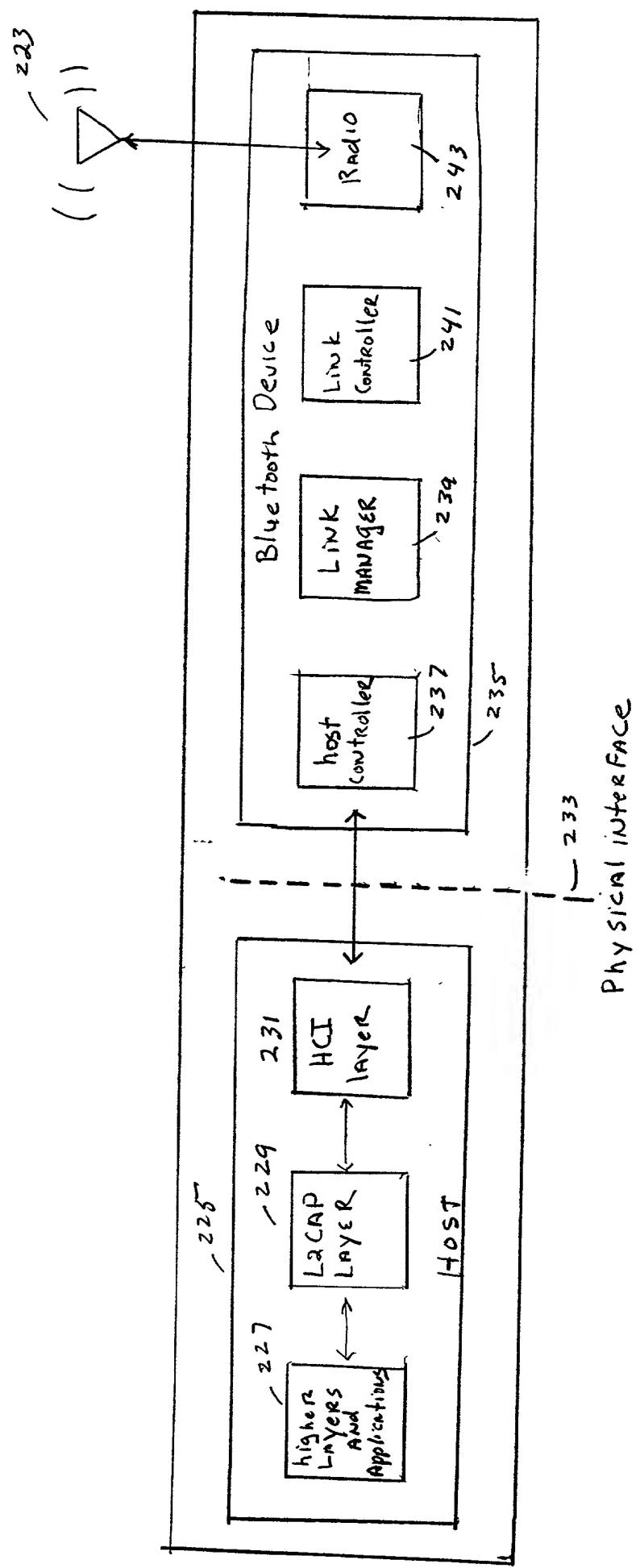


Figure 2B

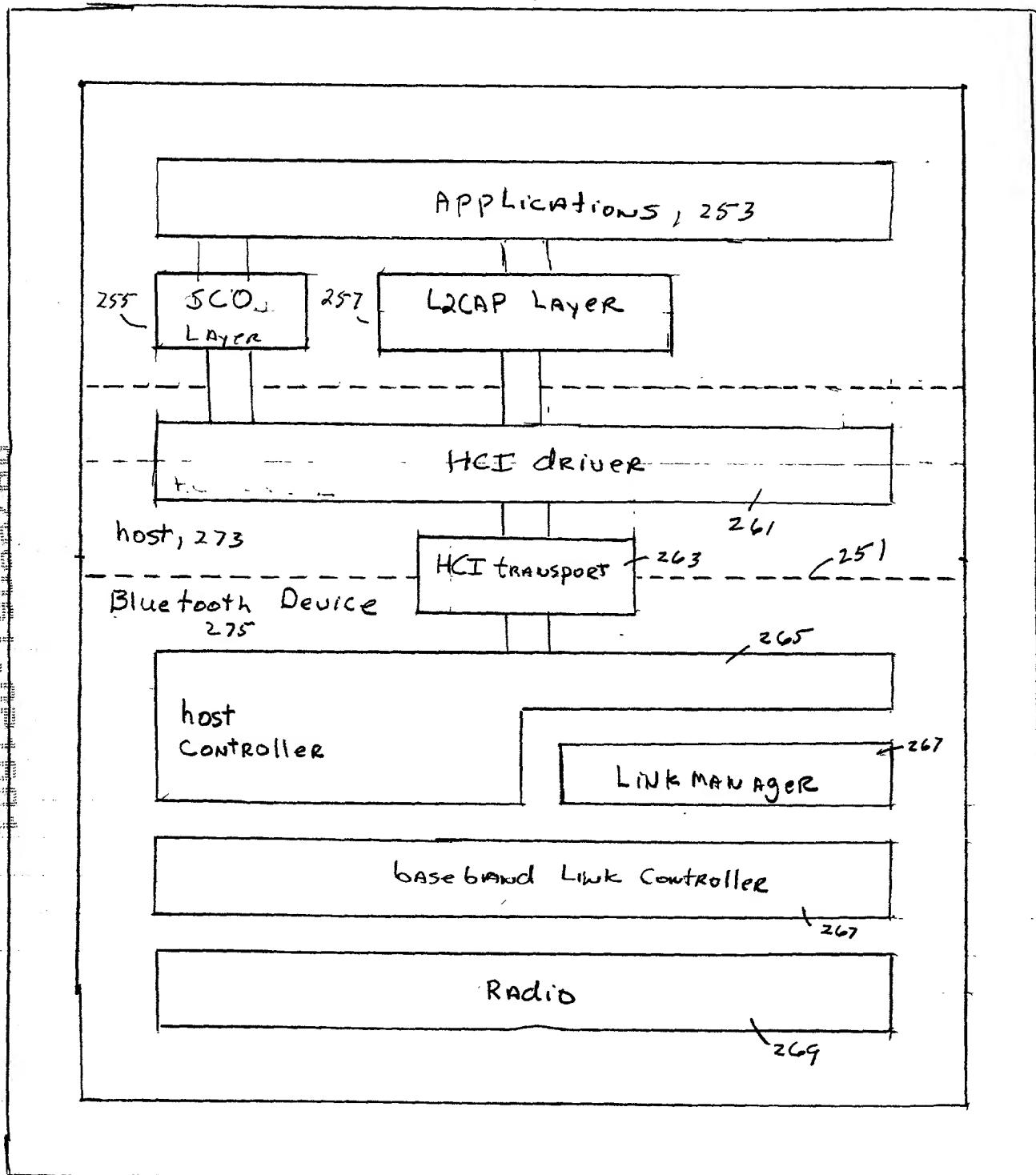


FIGURE 2C

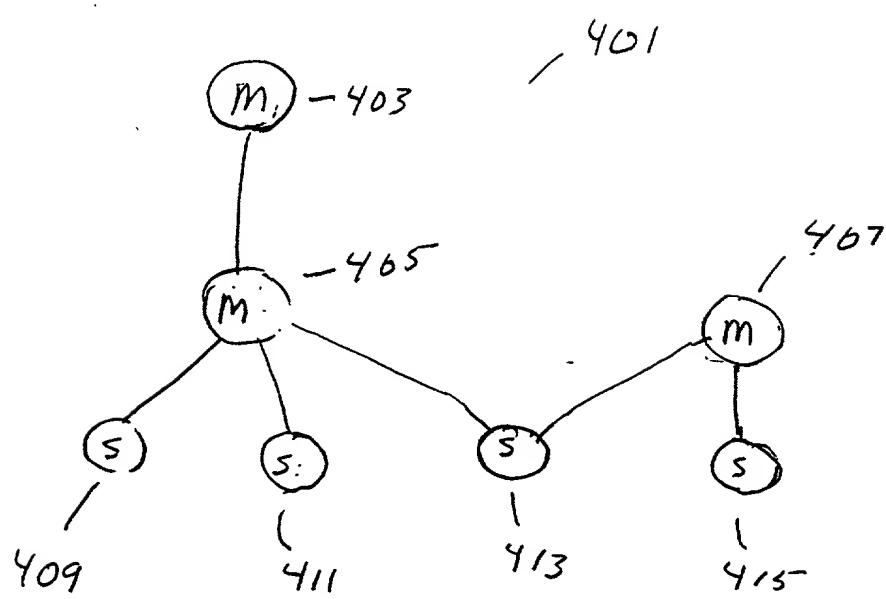
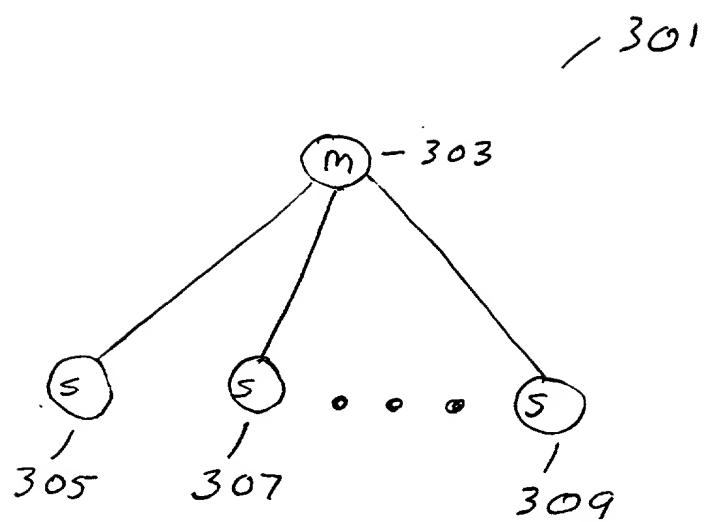


Figure #4

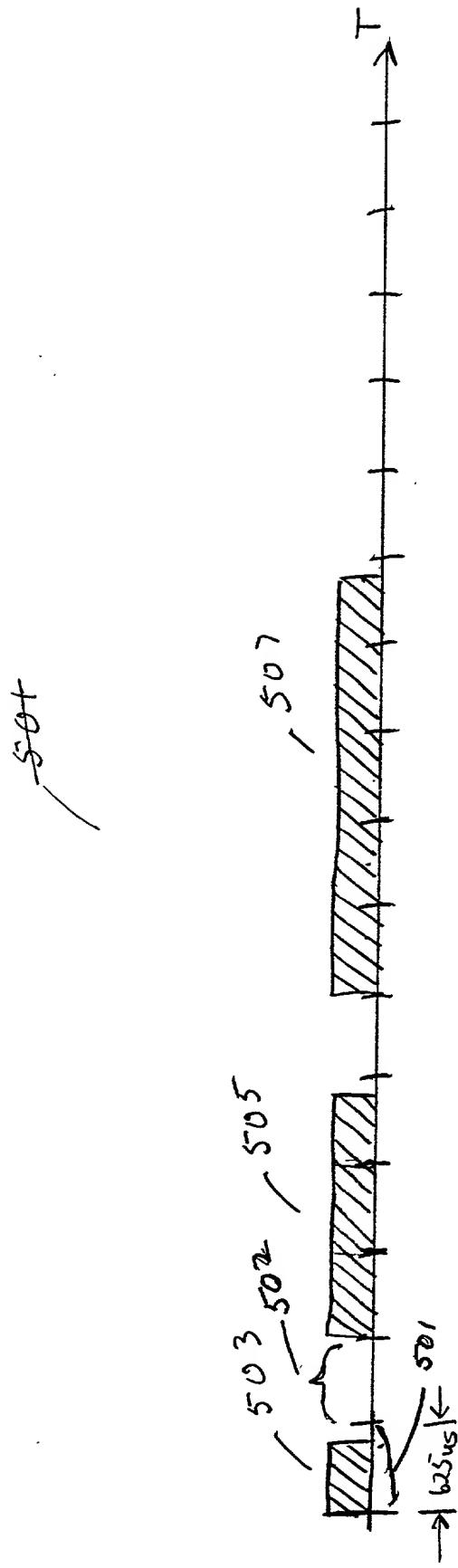
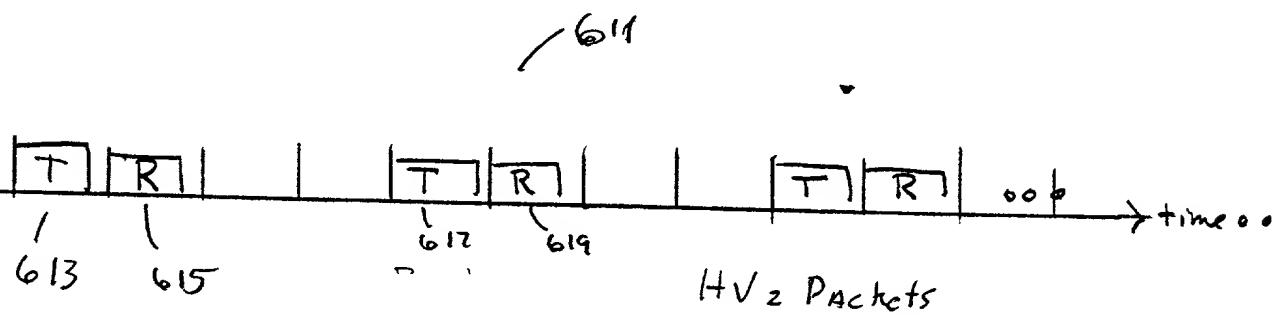
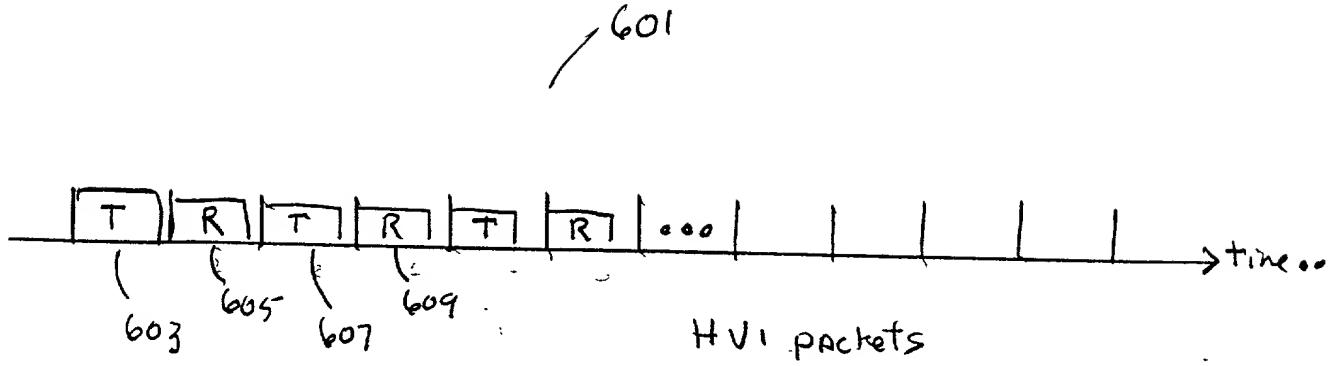


Figure 5



621

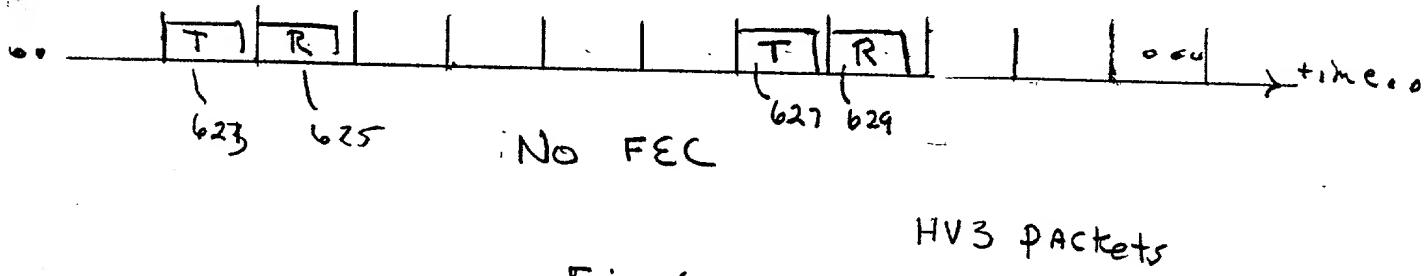


Fig 6

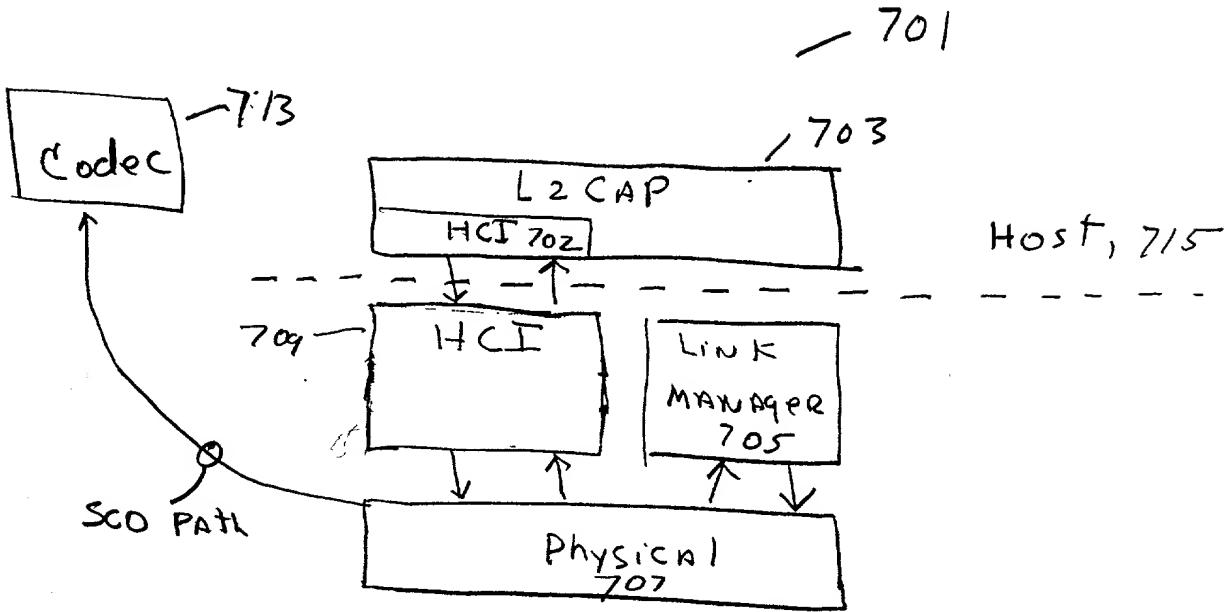


Figure #7

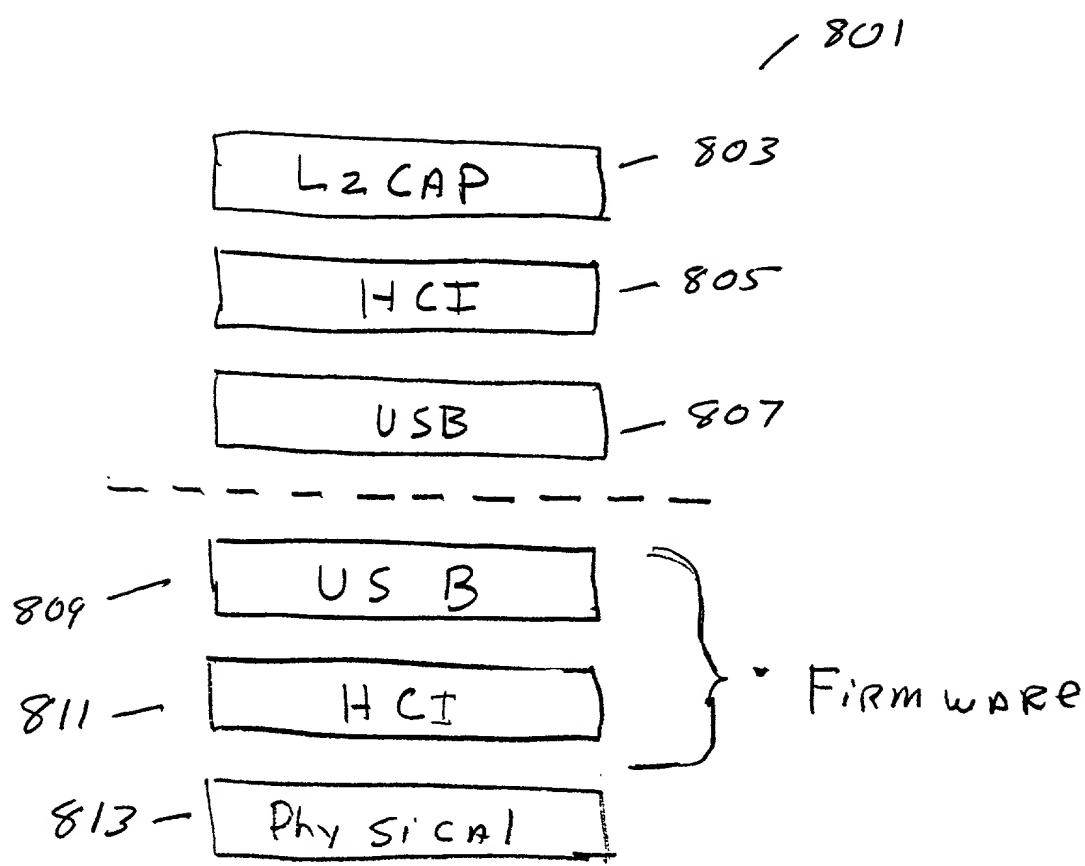


FIGURE 8

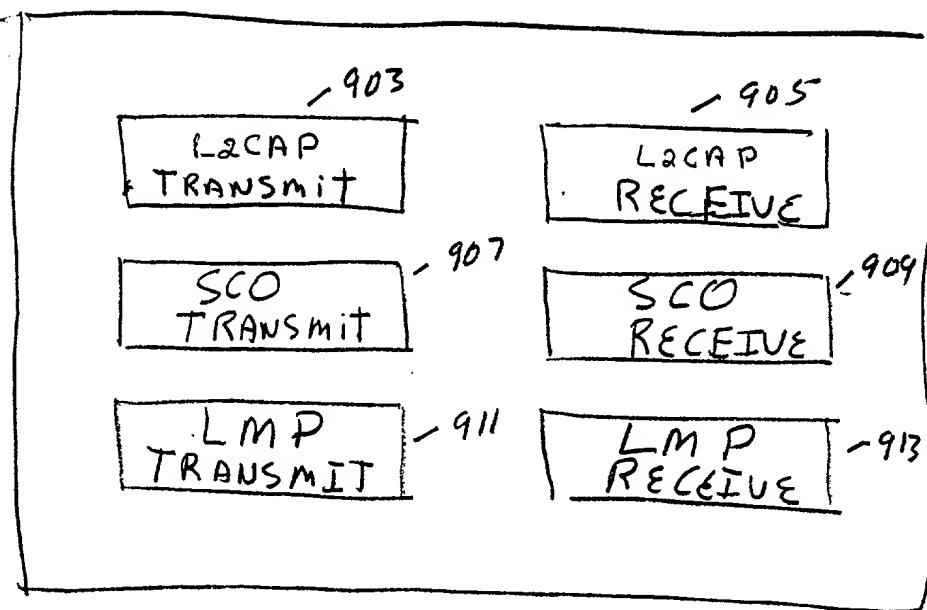


Figure #9

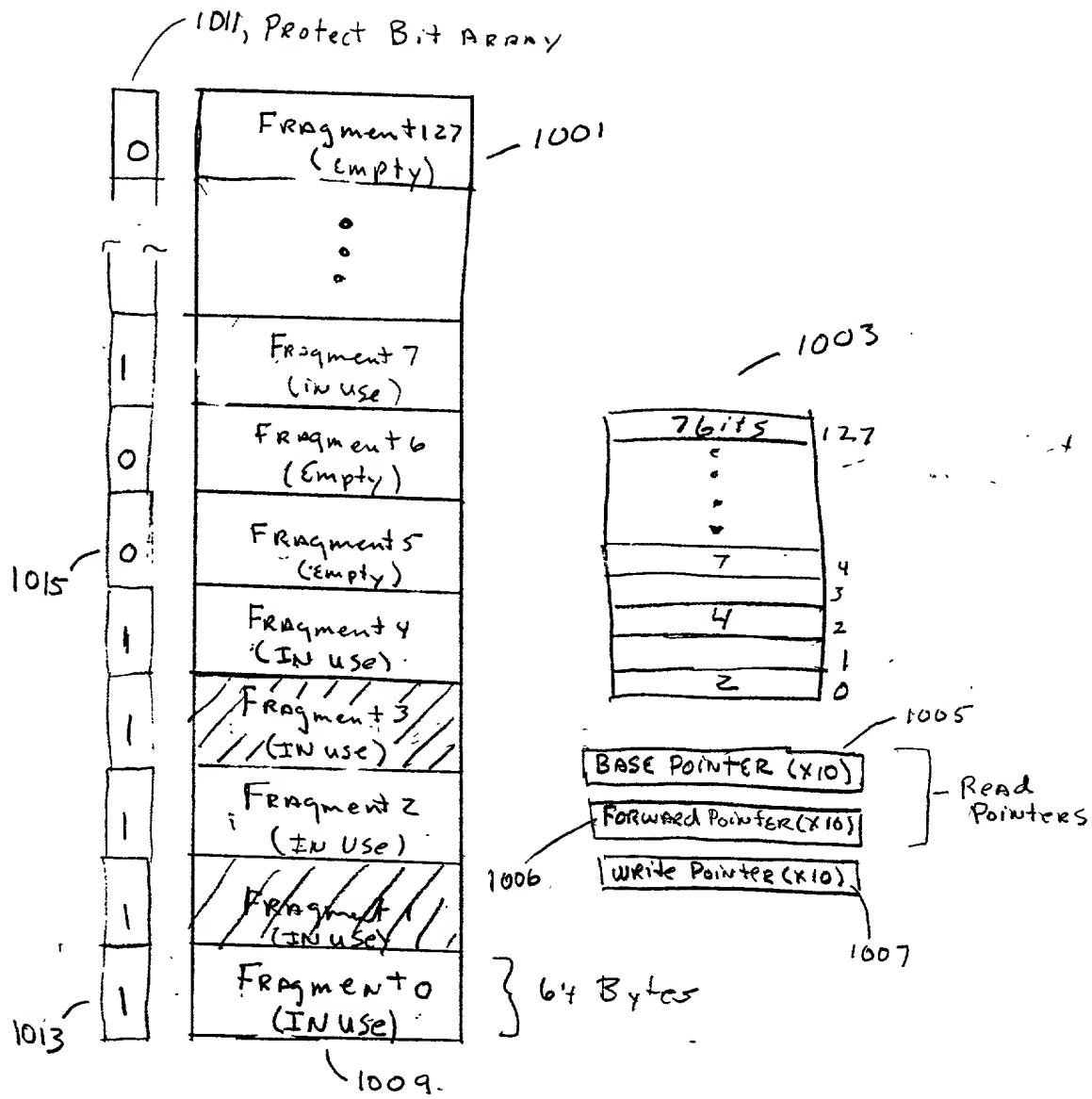


Figure # 10

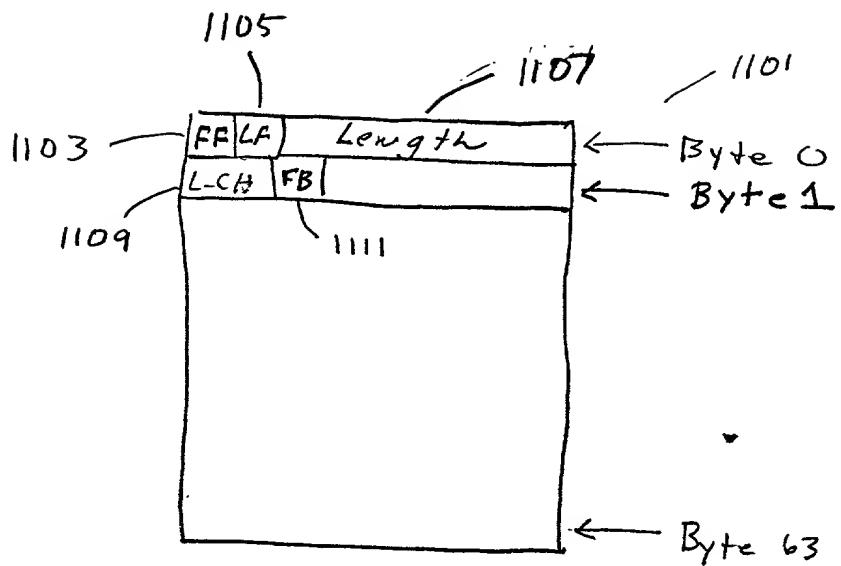


Figure # 11

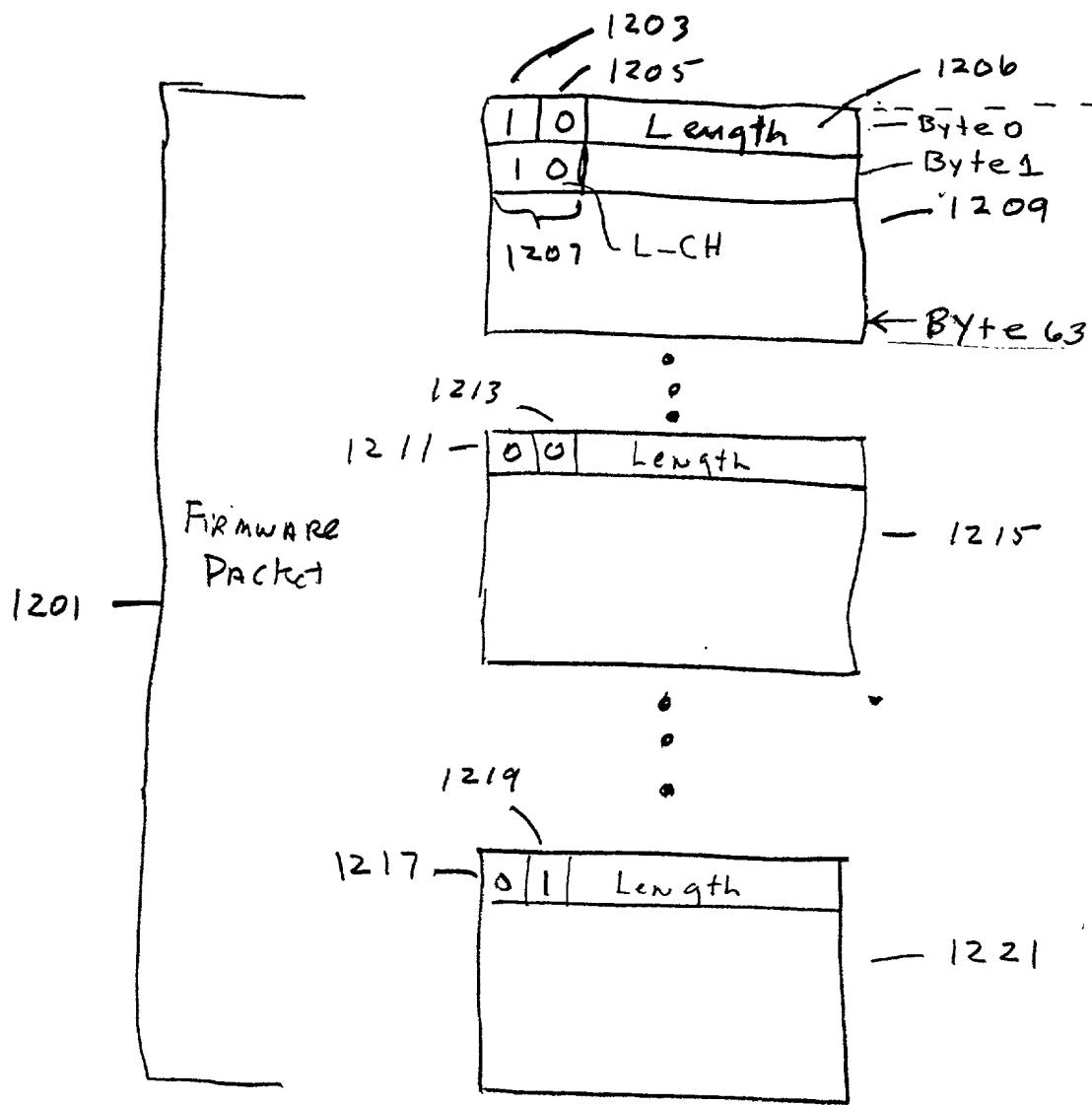


Figure 12

Lion 13

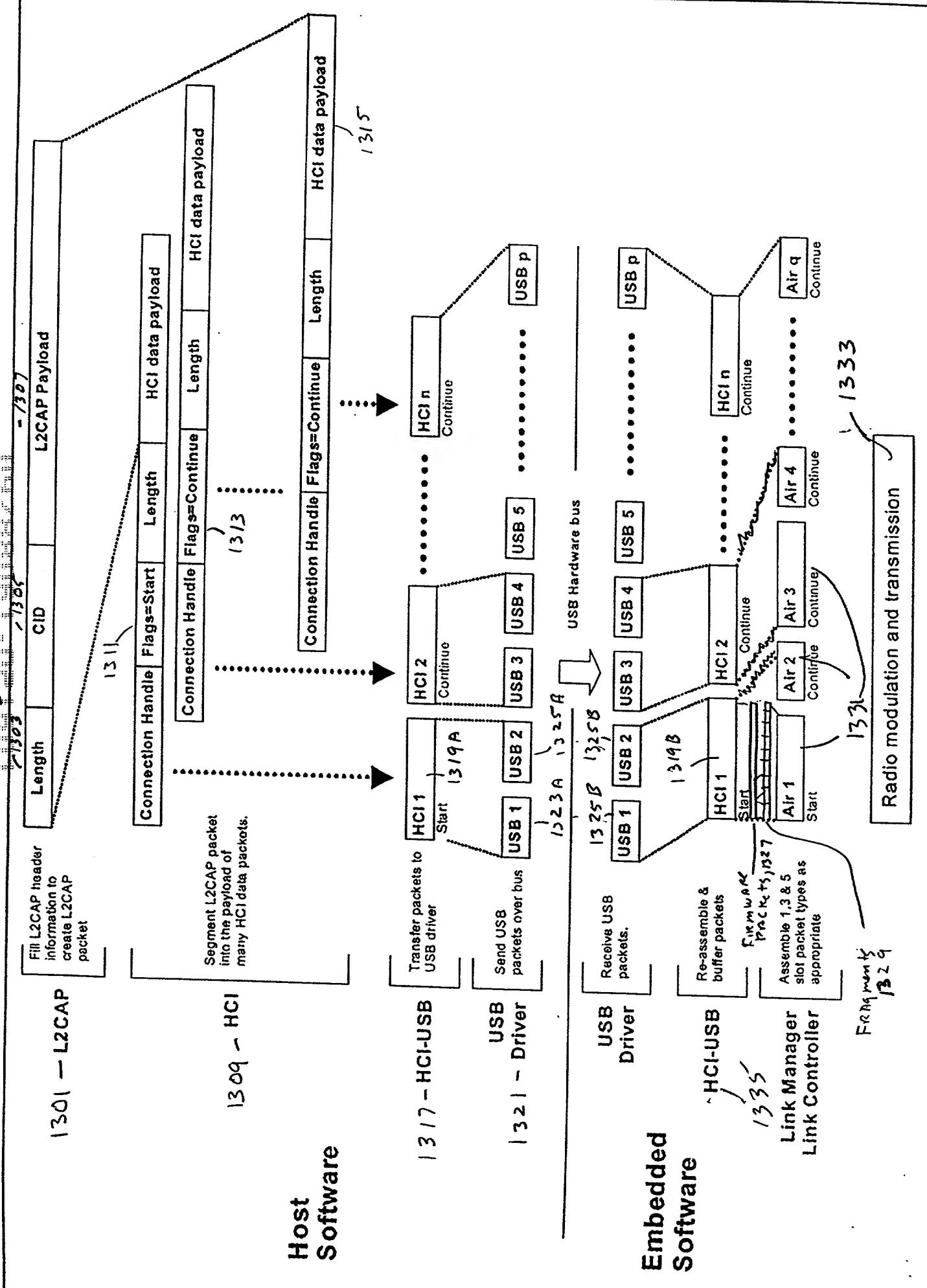
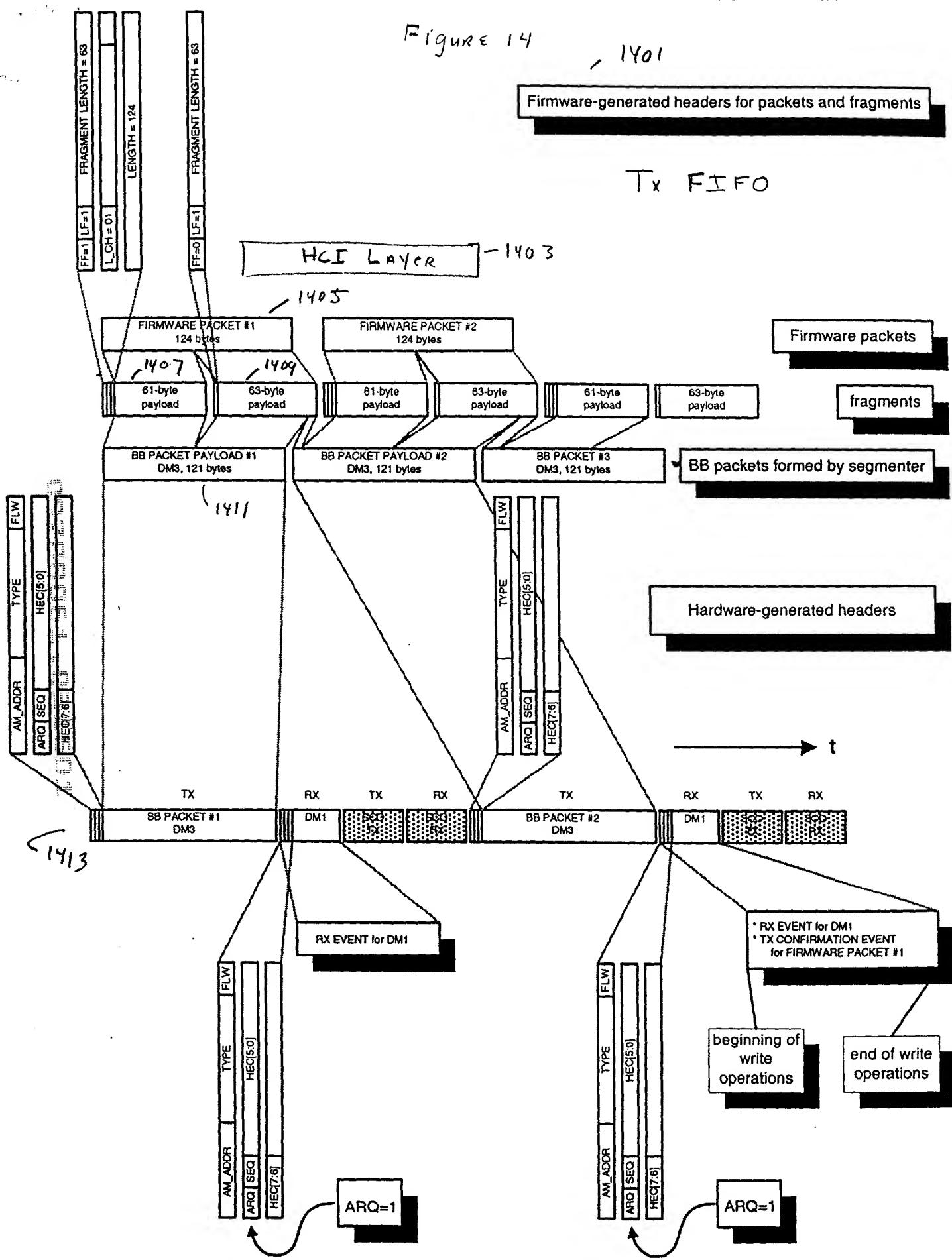


Figure 14

1401

Firmware-generated headers for packets and fragments

Tx FIFO



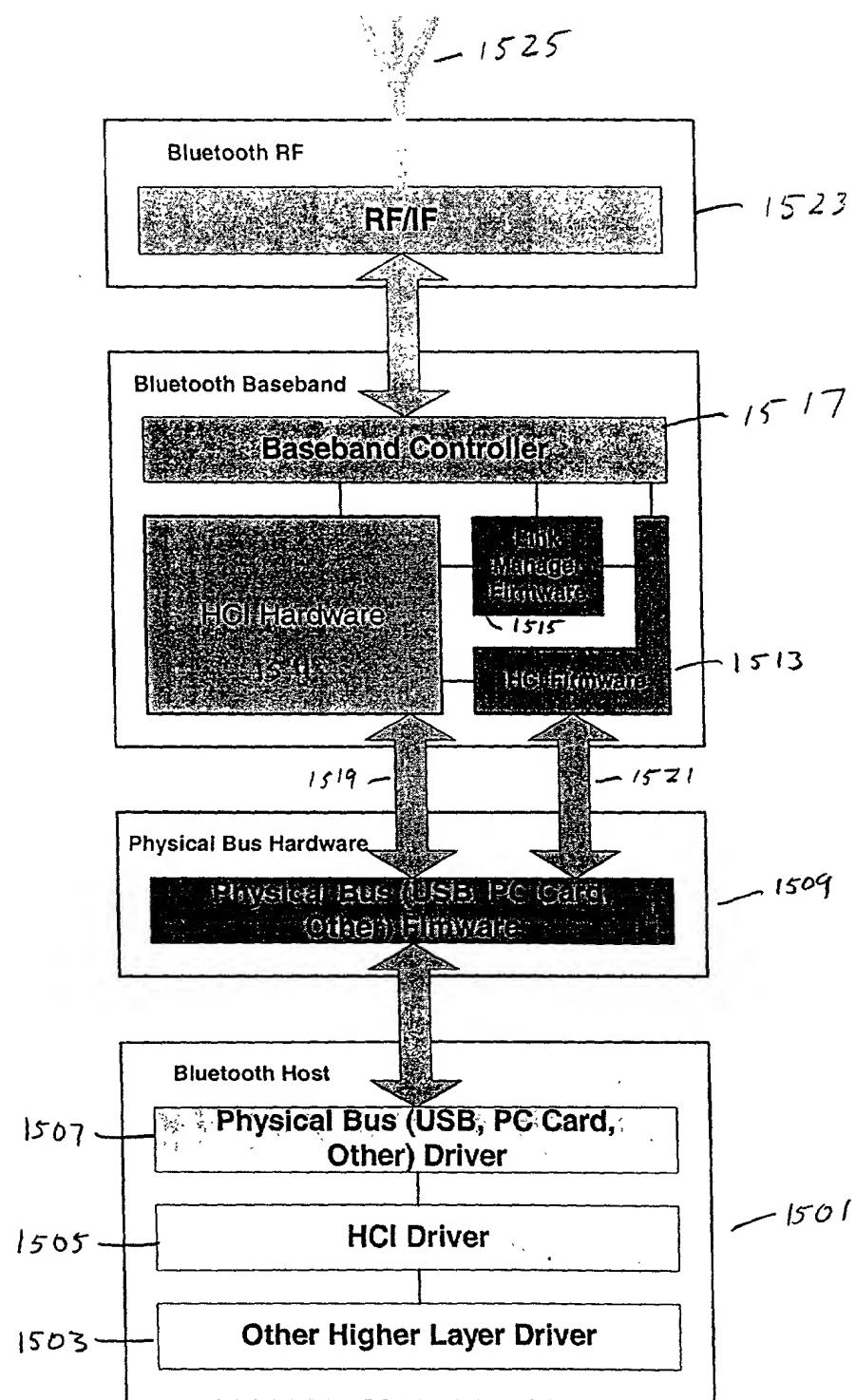


Figure 15

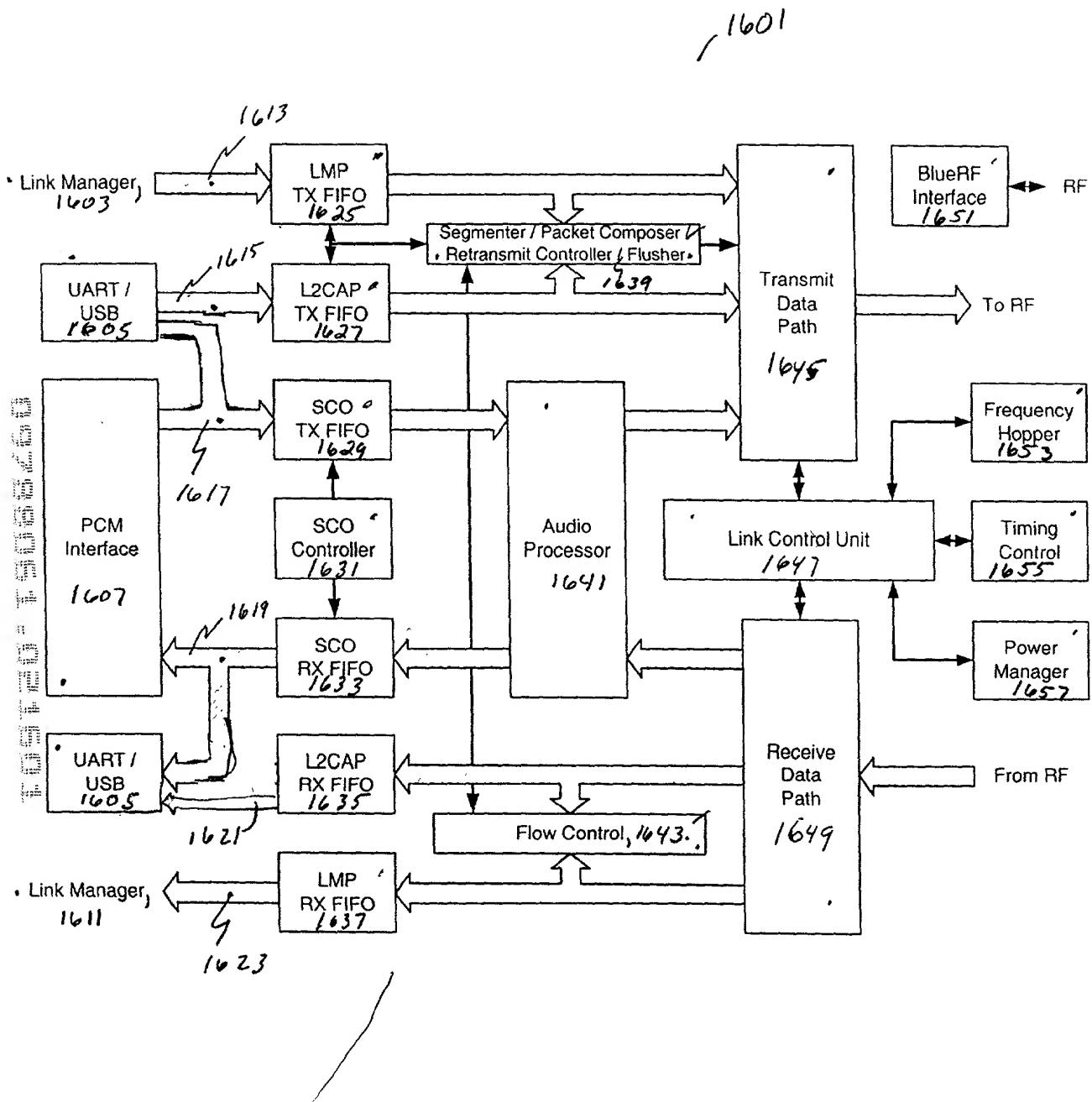
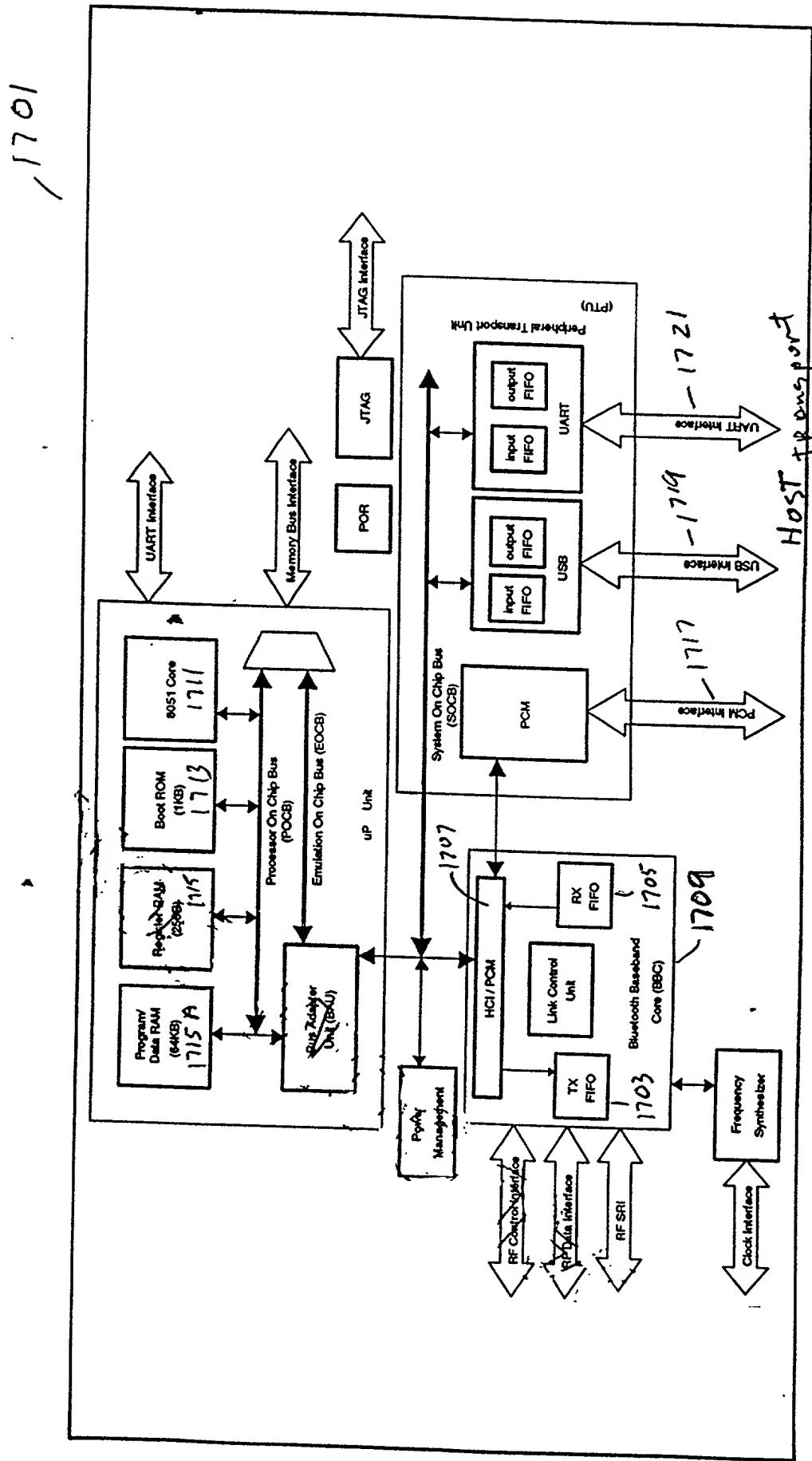


Figure 16

Figure 17



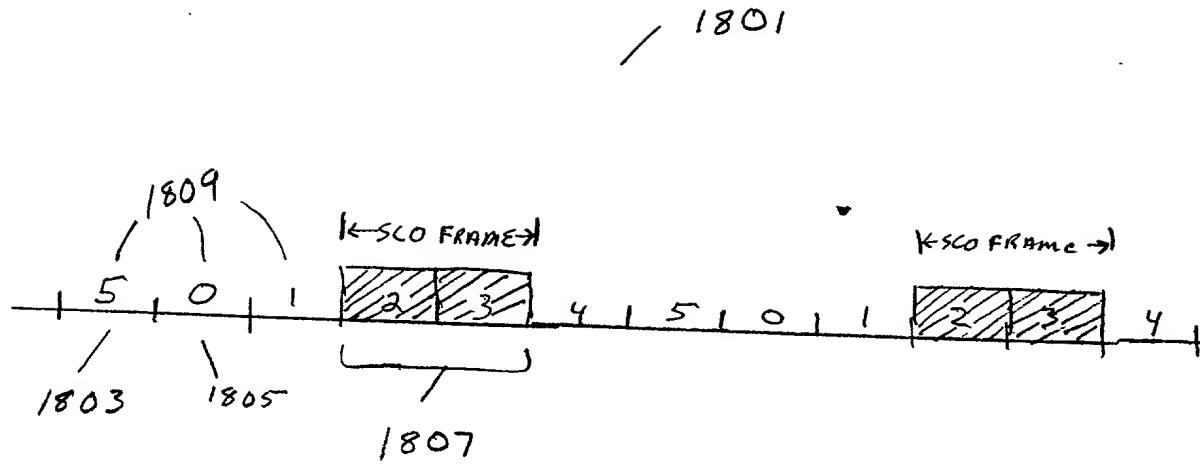


Figure 18

1901

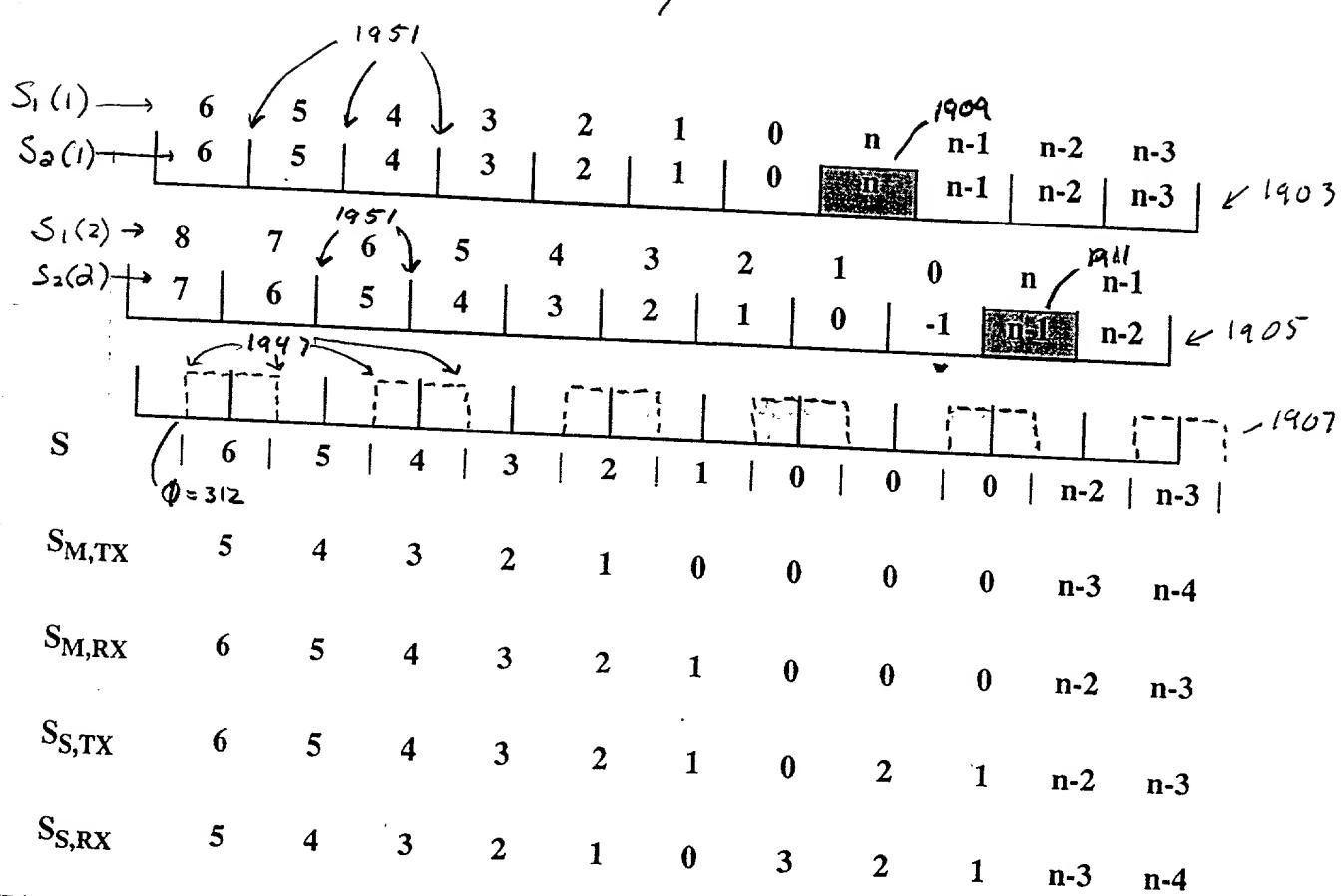


Figure 19A

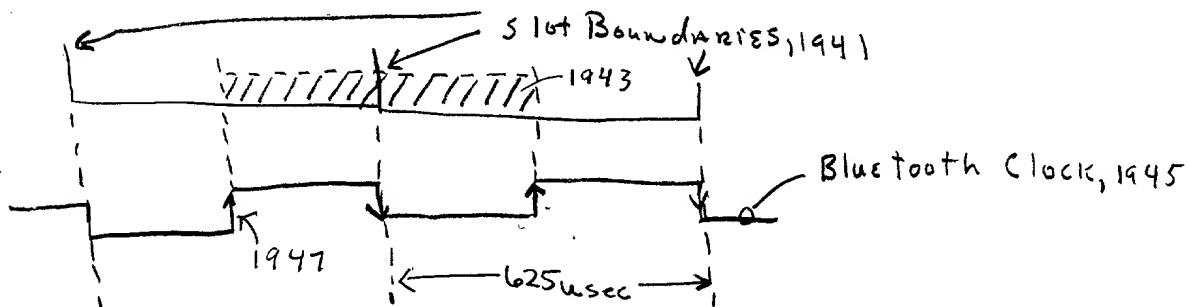


Figure 19B

Table 1. Packet Type Priority

2001 -

Range Label	Min Bytes in Buffer	Max Bytes in Buffer	1 st Choice	2 nd Choice	3 rd Choice	4 th Choice	5 th Choice	6 th Choice
a	0	0	NULL	NULL	NULL	NULL	NULL	NULL
b	1	12	DM1	DF1	DM3	DF3	DM5	DF5
c	13	27	DF1	DM3	DF3	DM5	DF5	DM1
d	28	121	DM3	DF3	DM5	DF5	DF1	DM1
e	122	183	DF3	DM5	DF5	DM3	DM1	DF1
f	184	224	DM5	DF5	DF3	DM3	DF1	DM1
g	225	339	DF5	DM5	DF8	DM3	DM1	DF1
h	340	389	DF5	DM5	DF3	DM3	DF1	DM1

Figure 20

Figure 1. Example of a Fragment Chooser for 16 fragments, $N = 4$

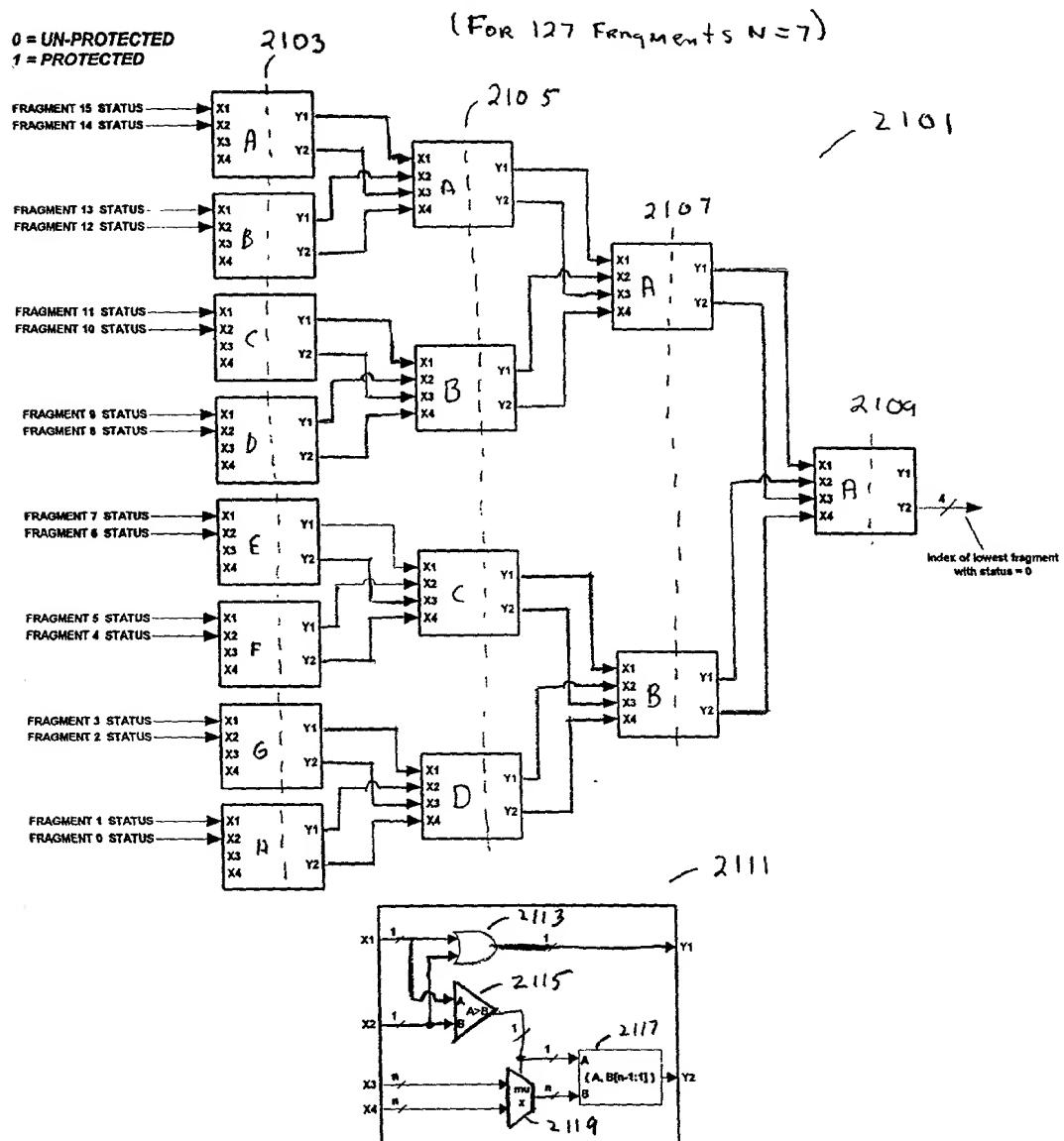


Figure 21

Figure 22 Circuit to calculate CLK mod T, where CLK is 27 bits and T is 8 bits.

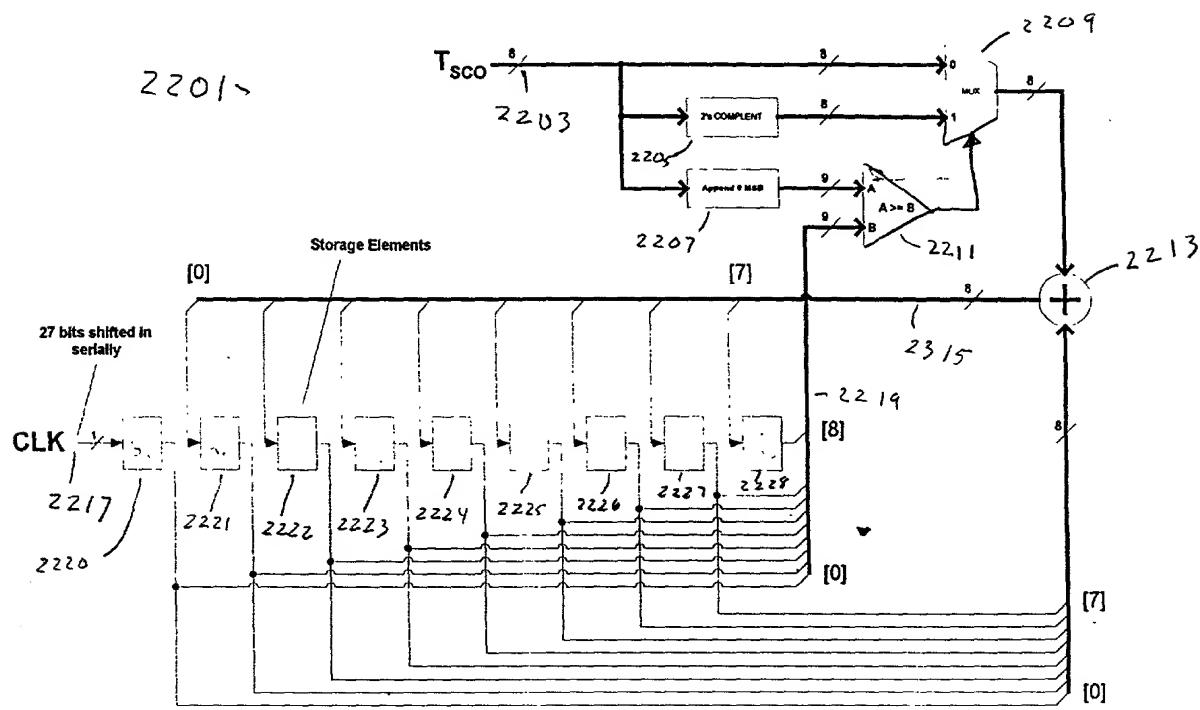


Figure 22

Figure 3. Example calculation: $115307261 \bmod 135$

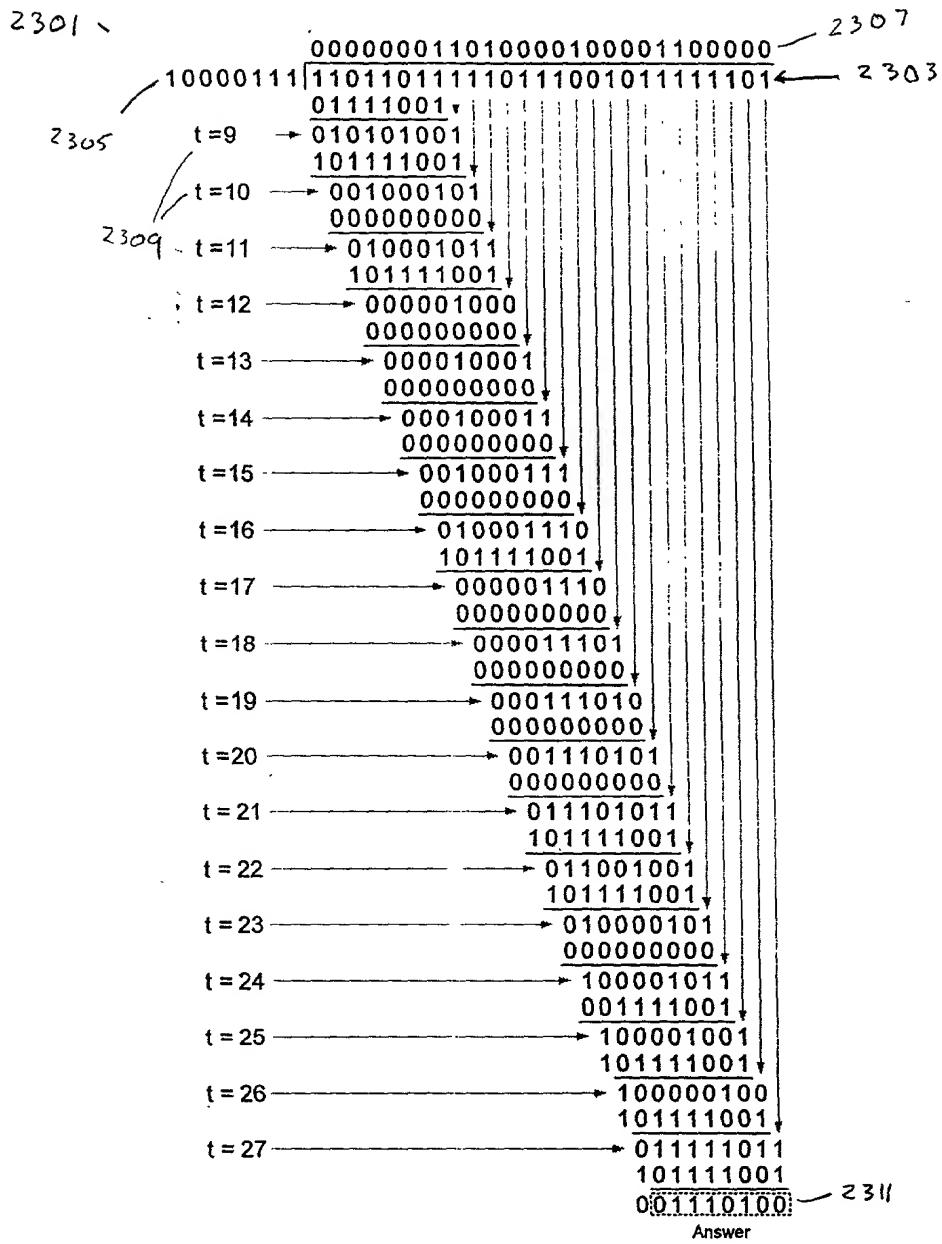


Figure 23

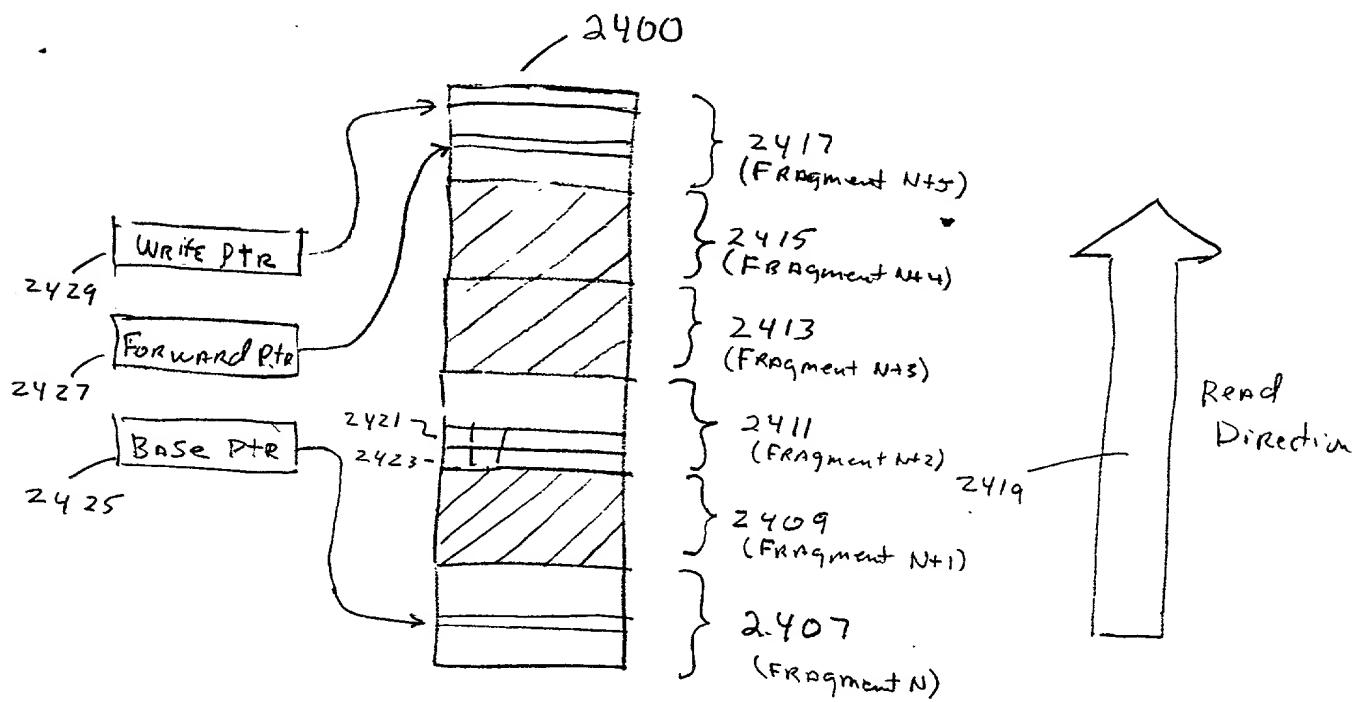
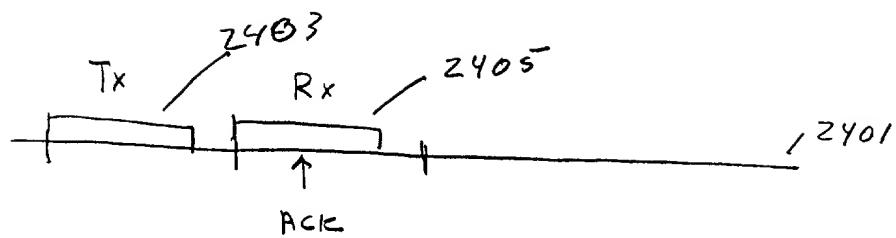


Figure 24

/* xxxxxxx1xxxxxxxxx2xxxxxxxxx3xxxxxxxxx4xxxxxxxxx5xxxxxxxxx6xxxxxxxxx7xxxxxxxxx8xxxxxxxxx9xxxxxxxxx */
/* The following depicts the Byte Gauge State Machine in flow diagram form. Numbers in parentheses indicate the state.

```

/* acl[x]: data in ACL RAM
/* address location x
/* acc : byte count accumulator
/* bptr : ACL base read address
/* pointer
/* dcnt : base fragment byte
/* down-count
/* FF : "First Fragment" bit
/* flen : fragment length in
/* bytes
/* lptr : link pointer for
/* fragment tptr[12:6]
/* L_CH : L2CAP L_CH field
/* LF : "Last Fragment" bit
/* tptr : temporary ACL RAM
/* address pointer
/* 
```

= 339, it goes to 2541. If no, it goes to 2537. From 2541, if acc >= 339, it goes to 2537. If no, it goes to 2537. </pre>

Figure 25

Figure 25

L2CAP PACKET FLUSH STATE MACHINE

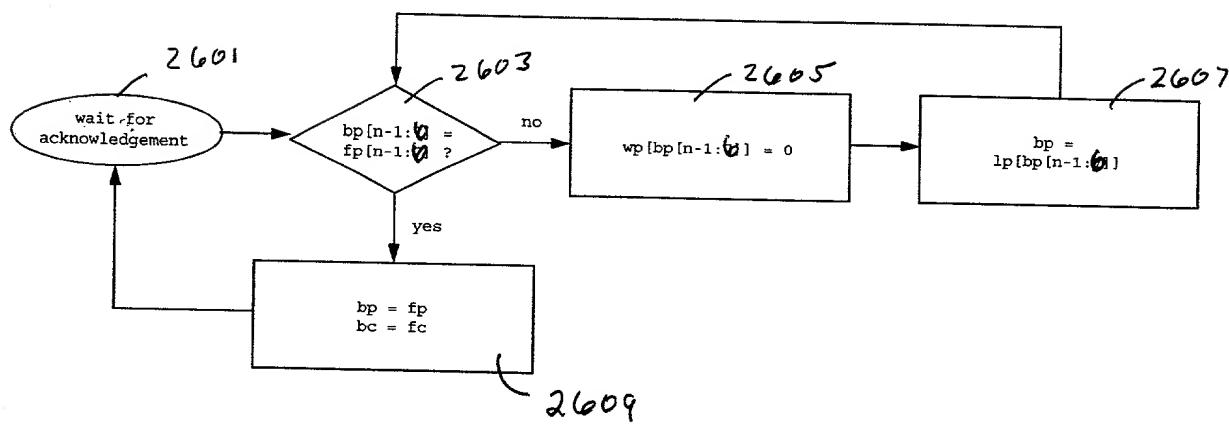


Figure 26

L2CAP PACKET TRANSMIT STATE MACHINE

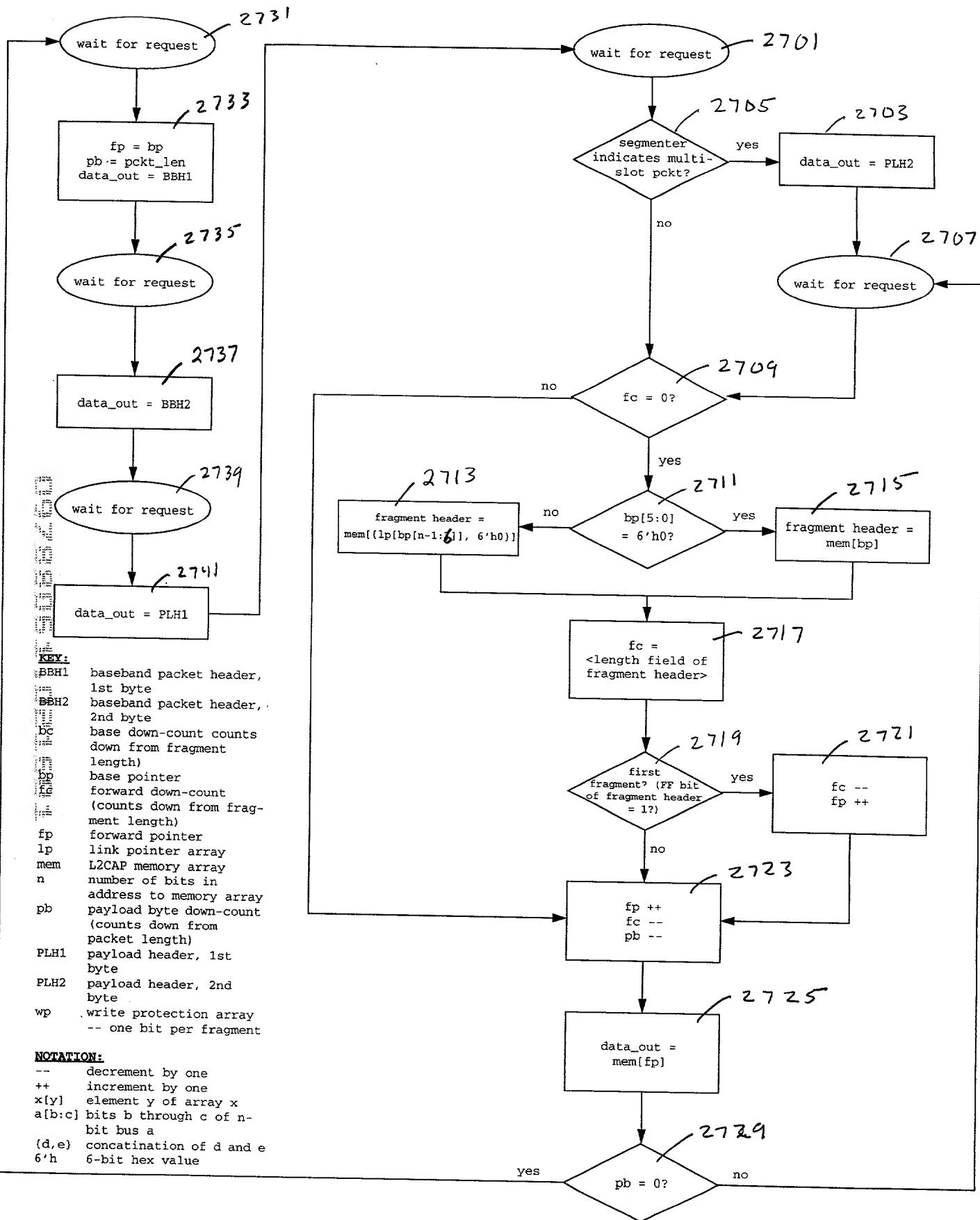


Figure 27